

Claims:

- (1) A resin composition comprises an acryl type resin obtained by polymerizing a monomer mixture containing 5 - 100 wt.% of a monomer represented by the following formula (1) and/or a fluorine atom-containing unsaturated monomer and having an acid value in the range of 0 - 30 mgKOH/g and a hydroxyl value in the range of 0 - 30 mgKOH/g, and a dye having the maximum absorption at wavelengths in the range of 380 - 780 nm.

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(wherein R denotes a hydrogen atom or a methyl group and X denotes a hydrocarbon group of 4 - 25 carbon atoms).

- (2) An optical filter superposing a layer formed of the resin composition set forth in claim 1 on a transparent substrate layer.

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(3) An optical filter according to claim 2, which further superposes a layer containing a dye having the maximum absorption at wavelengths in the range of 780 - 1,200 nm on it.

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(4) An optical filter according to claim 3, wherein the dye having the maximum absorption at wavelengths in the range of 780 - 1,200 nm is contained in said resin composition.

(5) A plasma display using an optical filter set forth in any of claims 2 - 4.